# City of IRVINE



Recreational Development TITUTE OF GOVERNMENTAL Bonds, Series B

DEC 3 0 1975

\$9,000,000 NIVERSITY OF CALIFORNIA

(General Obligations)







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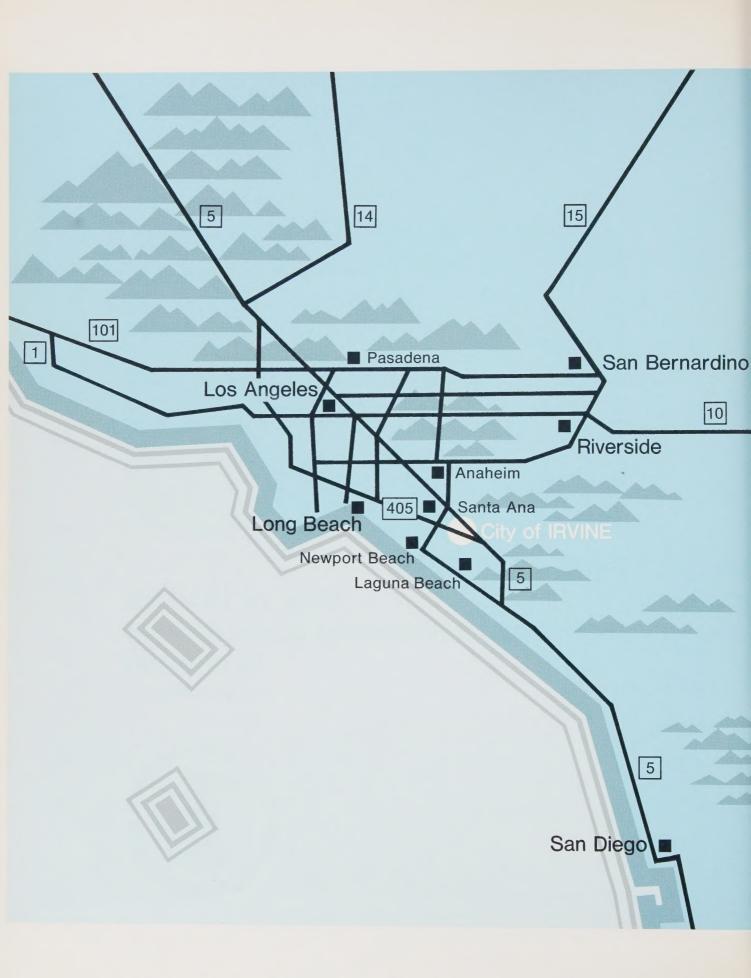


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# City of IRVINE Recreational Development Bonds, Series B \$9,000,000

(General Obligations)





#### CITY OF IRVINE

Orange County, California

#### **City Council**

Arthur Anthony, *Mayor*Henry Quigley, *Mayor Pro Tem*John H. Burton
Gabrielle Pryor
Robert West

#### **Community Services Commission**

Sally Anne Miller, Chairperson Diane Kent Dr. Alan Miller Scott Mulholland Miles Peterson

#### City Staff

William Woollett, Jr., City Manager James R. Harrington, Director of Administrative Services

Paul Brady, Jr., Director of Community Services
Eddie Peabody, Jr., Director of Planning
G. Brent Muchow, Director of Public Works
Leo E. Peart, Director of Public Safety
J. E. Witcher, Treasurer and Finance Officer
Carol J. Flynn, City Clerk

#### **Special Services**

Rutan & Tucker, Santa Ana, California Bond Counsel

Hornblower & Weeks-Hemphill, Noyes Incorporated, San Francisco, California Financing Consultants

Bank of America N.T. & S.A.
San Francisco and Los Angeles, California
Harris Trust and Savings Bank
Chicago, Illinois
Bankers Trust Company
New York, New York
Paying Agents

The information contained within this official statement was prepared under the direction of the City Council of the City of Irvine by Hornblower & Weeks-Hemphill, Noyes Incorporated, who were employed by the City as financing consultants in connection with the proposed bond issue.

The information contained within this official statement has been compiled from sources believed to be reliable. This official statement contains estimates and matters of opinion which are not intended as representations of fact. This official statement is not to be construed as a contract with the purchasers of the bonds.

THE DATE OF THIS OFFICIAL STATEMENT IS DECEMBER 23, 1975.



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#### CONTENTS

	Page
Introduction	1
The Bonds	3
Authority for Issuance	3
Description of the Bonds	3
Alternative Maturity Schedules	3
Redemption Provisions	3
Registration	3
Tax Exempt Status	3
Legal Opinion	3
Security	3
Legality for Investment	3
Annual Bond Service	3
The Project	5
General	5
The Series A Bond Project	6
The Series B Bond Project	6
City Organization and Financial Data	7
City Organization	7
Financial Data	7
Irvine and Its Economy	11
Industry and Employment	11
Transportation	13
Utilities	15
Taxable Sales and Sales Tax Permits	15
Educational Facilities	15
TABLES	
Table 1. Maximum Debt Service Requirements Under Schedule 1	4
Table 2. Maximum Debt Service Requirements Under Schedule 2	4
Table 3. Disposition of Bond Proceeds	6
Table 4. 1975/76 City Assessed Valuation	7
Table 5. City Assessed Valuations, Tax Rates, Levies, and Delinquencies	8
Table 6. Summary of City Revenues and Expenditures	8
Table 7. Statement of Direct and Estimated Overlapping Bonded Debt	9
Table 8. Major Employers in City of Irvine	12
Table 9. Taxable Sales and Sales Tax Permits	15
Table 10. Orange County Labor Market Survey	15

Sketches courtesy of Ribera & Sue.

#### INTRODUCTION

The \$9,000,000 principal amount of City of Irvine Recreational
Development Bonds, Series B, are being sold to finance acquisition and development of community level parks in the city and a bicycle trail system. The Series B Bonds represent the remaining unsold bonds of a total authorization of \$16,000,000 which the voters approved for community parks acquisition and development, and \$2,000,000 which they approved for the bicycle trail system. Series A Bonds in the principal amount of \$9,000,000 were sold in January 1975.

The City of Irvine was incorporated on December 28, 1971. The city has a land area of 41.6 square miles and a population estimated at 35,000. The city's 1975/76 assessed valuation is \$329,348,740.

After sale of the Series B Bonds, direct debt of the city will be 5.47% of assessed valuation and 1.45% of estimated market value. Total direct debt and overlapping bonded debt will be 22.56% of assessed valuation and 5.97% of estimated market value. The city's per capita assessed valuation is \$9,410.

#### **ESSENTIAL FACTS**

The Bonds	
Principal amount	\$9,000,000
Maturities (Schedule 1)	1978 to 2002
Average life (Schedule 1)	15.65 years
Bond years (Schedule 1)	156,470
Maturities (Schedule 2)	1978 to 1997
Average life (Schedule 2)	12.32 years
Bond years (Schedule 2)	123,220
Maturities callable on or after 1985	1991 and after
Maximum coupon rate	7%
Maximum spread	2%
Financial and Economic Data	
Estimated 1975 population	35,000
1975/76 Assessed valuation	\$329,348,740
City tax rate per \$100	\$0.62
Representative total tax rate per \$100	\$12.16
Per capita assessed valuation	\$9,410
Ratio direct debt to assessed valuation	5.47%
Ratio net direct and overlapping debt to assessed valuation	n 22.56%

#### MATURITY SCHEDULE 1

Maturity Date January 1	Principal Maturing
1978	\$140,000
1979	150,000
1980	160,000
1981	170,000
1982	190,000
1983	200,000
1984	210,000
1985	230,000
1986	240,000
1987	260,000
1988	280,000
1989	300,000
1990	320,000
1991	340,000
1992	370,000
1993	400,000
1994	420,000
1995	450,000
1996	480,000
1997	520,000
1998	550,000
1999	590,000
2000	630,000
2001	680,000
2002	720,000

#### MATURITY SCHEDULE 2

Maturity Date Ianuary 1	Principal Maturing
1978	\$220,000
1979	240,000
1980	250,000
1981	260,000
1982	290,000
1983	310,000
1984	330,000
1985	350,000
1986	380,000
1987	400,000
1988	430,000
1989	460,000
1990	490,000
1991	530,000
1992	570,000
1993	600,000
1994	650,000
1995	700,000
1996	750,000
1997	790,000

#### THE BONDS

#### **Authority for Issuance**

The \$9,000,000 principal amount of the City of Irvine Recreational Development Bonds, Series B, now being offered, are general obligations of the City of Irvine, issued pursuant to a resolution adopted by the City Council on December 23, 1975.

On June 4, 1974 the voters of the City of Irvine authorized \$16,000,000 of general obligation bonds for recreation and park purposes, and \$2,000,000 of general obligation bonds for bicycle trails. The bonds were approved by a vote of 5331 in favor (73%) to 1958 opposed, and the bicycle trail bonds were approved by a vote of 5007 in favor (71%) to 2023 opposed. Of the \$9,000,000 of Series B Bonds, \$8,000,000 will be from the \$16,000,000 authorization for recreation and park purposes, and \$1,000,000 will be from the \$2,000,000 authorization for bicycle trails. \$9,000,000 of Series A Bonds were sold in January 1975 with \$8,000,000 allocated to recreation and park purposes and \$1,000,000 to bicycle trails.

#### **Description of the Bonds**

The Series B Bonds consist of \$9,000,000 aggregate principal amount, dated January 1, 1976. The bonds will be issued in denominations of \$5,000 and will be numbered consecutively from B-1 to B-1800. Interest on the bonds at a rate not to exceed seven percent (7%) per annum is payable for the first year on January 1, 1977 and semi-annually thereafter each July 1 and January 1. Both principal and interest on the bonds are payable at the main offices of the paying agents of the city: Bank of America N.T. & S.A. in Los Angeles and San Francisco, California; Bankers Trust Company, New York, New York; and Harris Trust and Savings Bank, Chicago, Illinois.

#### **Alternative Maturity Schedules**

Prospective purchasers have the option of bidding on one of two alternative maturity schedules.

Maturity Schedule 1 provides for the bonds to mature by January 1, 2002, and Maturity Schedule 2 provides for the bonds to mature by January 1, 1997. The City Council will award the bonds based upon the lowest net interest cost bid on Maturity Schedule 1. Bids which specify Maturity

Schedule 2 will be considered only in the event no bids are received which specify Maturity Schedule 1.

#### **Redemption Provisions**

The City of Irvine Recreational Development Bonds, Series B, maturing on or before January 1, 1990, are not redeemable prior to their fixed maturity dates. Bonds maturing on or after January 1, 1991, are redeemable on January 1, 1985 or on any interest payment date thereafter, as a whole or in part in inverse order of maturity and by lot within a maturity, at the principal amount plus a premium of (a) one-fourth of one percent, plus (b) an additional onefourth of one percent for each whole year and for any remaining fraction of a year between the maturity date and the date of redemption, but in no event shall the premium exceed four percent. The city will publish a notice of intended redemption at least thirty days before any bonds are to be called. Copies of the notice of redemption are to be mailed to the holders of any registered bonds designated for redemption.

#### Registration

The bonds will be issued as coupon bonds or fully registered bonds. The fully registered bonds will be subject to deregistration and reregistration as provided in the resolution authorizing the issuance of the bonds.

#### **Tax Exempt Status**

In the opinion of bond counsel, the interest on the bonds is exempt from all present federal income taxes and from State of California personal income taxes, under existing statutes, regulations and court decisions.

#### **Legal Opinion**

All proceedings in connection with the issuance of these bonds are subject to the approval of Rutan & Tucker, Santa Ana, California, bond counsel for the City of Irvine. The unqualified opinion of Rutan & Tucker attesting to the validity of the bonds will be supplied free of charge to the original purchasers of the bonds. A copy of the legal opinion, certified by an officer of the city, will be printed on each bond without charge to the successful bidder.

#### Security

The bonds are general obligations of the City of Irvine and the city has the power and is obligated to cause annual ad valorem taxes to be levied on all property in the city subject to taxation by the city for the payment of both principal of and interest on the bonds without limitation of rate or amount.

#### Legality for Investment

Pursuant to the provisions of the Financial Code of the State of California, the bonds are legal investments in the State of California for savings banks and as such are legal investments for all trust funds, for funds of insurance companies, and for funds of trust companies. The bonds are eligible as security for deposits of public moneys of local agencies in California.

#### **Annual Bond Service**

Table 1 illustrates maximum annual bond service under Maturity Schedule 1 at the maximum legal interest rate of seven percent. Table 2 illustrates maximum annual bond service pursuant to Maturity Schedule 2.

TABLE 1
MAXIMUM DEBT SERVICE FOR SERIES B BONDS UNDER SCHEDULE 1

Fiscal	Principal Outstanding Beginning	Maximum Int	erest at 7%	Principal Maturing	Total Bond
Year	of Year	July 1	January 1	January 1	Service
1976/77	\$9,000,000	\$ —	\$ 630,000	\$ —	\$ 630,000
1977/78	9,000,000	315,000	315,000	140,000	770,000
1978/79	8,860,000	310,100	310,100	150,000	770,200
1979/80	8,710,000	304,850	304,850	160,000	769,700
1980/81	8,550,000	299,250	299,250	170,000	768,500
1981/82	8,380,000	293,300	293,300	190,000	776,600
1982/83	8,190,000	286,650	286,650	200,000	773,300
1983/84	7,990,000	279,650	279,650	210,000	769,300
1984/85	7,780,000	272,300	272,300	230,000	774,600
1985/86	7,550,000	264,250	264,250	240,000	768,500
1986/87	7,310,000	255,850	255,850	260,000	771,700
1987/88	7,050,000	246,750	246,750	280,000	773,500
1988/89	6,770,000	236,950	236,950	300,000	773,900
1989/90	6,470,000	226,450	226,450	320,000	772,900
1990/91	6,150,000	215,250	215,250	340,000*	770,500
1991/92	5,810,000	203,350	203,350	370,000*	776,700
1992/93	5,440,000	190,400	190,400	400,000*	780,800
1993/94	5,040,000	176,400	176,400	420,000*	772,800
1994/95	4,620,000	161,700	161,700	450,000*	773,400
1995/96	4,170,000	145,950	145,950	480,000*	771,900
1996/97	3,690,000	129,150	129,150	520,000*	778,300
1997/98	3,170,000	110,950	110,950	550,000*	771,900
1998/99	2,620,000	91,700	91,700	590,000*	773,400
1999/00	2,030,000	71,050	71,050	630,000*	772,100
2000/01	1,400,000	49,000	49,000	680,000*	778,000
2001/02	720,000	25,200	25,200	720,000*	770,400
Totals		\$5,161,450	\$5,791,450	\$9,000,000	\$19,952,900

<sup>\*</sup> Callable on or after January 1, 1985.

TABLE 2
MAXIMUM DEBT SERVICE FOR SERIES B BONDS UNDER SCHEDULE 2

Fiscal	Principal Outstanding Beginning	Maximum In	terest at 7%	Principal Maturing	Total Bond
Year	of Year	July 1	January 1	January 1	Service
1976/77	\$9,000,000	\$ —	\$ 630,000	\$ —	\$ 630,000
1977/78	9,000,000	315,000	315,000	220,000	850,000
1978/79	8,780,000	307,300	307,300	240,000	854,600
1979/80	8,540,000	298,900	298,900	250,000	847,800
1980/81	8,290,000	290,150	290,150	260,000	840,300
1981/82	8,030,000	281,050	281,050	290,000	852,100
1982/83	7,740,000	270,900	270,900	310,000	851,800
1983/84	7,430,000	260,050	260,050	330,000	850,100
1984/85	7,100,000	248,500	248,500	350,000	847,000
1985/86	6,750,000	236,250	236,250	380,000	852,500
1986/87	6,370,000	222,950	222,950	400,000	845,900
1987/88	5,970,000	208,950	208,950	430,000	847,900
1988/89	5,540,000	193,900	193,900	460,000	847,800
1989/90	5,080,000	177,800	177,800	490,000	845,600
1990/91	4,590,000	160,650	160,650	530,000*	851,300
1991/92	4,060,000	142,100	142,100	570,000*	854,200
1992/93	3,490,000	122,150	122,150	600,000*	844,300
1993/94	2,890,000	101,150	101,150	650,000*	852,300
1994/95	2,240,000	78,400	78,400	700,000*	856,800
1995/96	1,540,000	53,900	53,900	750,000*	857,800
1996/97	790,000	27,650	27,650	790,000*	845,300
Totals		\$3,997,700	\$4,627,700	\$9,000,000	\$17,625,400

<sup>\*</sup> Callable on or after January 1, 1985.

#### THE PROJECT

#### General

One of the main reasons for incorporation of the City of Irvine was to preserve suitable open space and guarantee a comprehensive recreation and parks program. After incorporation the City Council engaged the firm of Ribera & Sue, landscape architects and comprehensive planners, to develop a master plan for community level parks, recreation, and cultural facilities to serve the city through the year 1985. In January, 1974 the firm submitted to the City Council the plan which recommended a city wide acquisition and development program. The Council adopted the plan and submitted an \$18 million bond program to implement it to the voters in June, 1974. The bonds were approved by more than 70% of the voters and the city immediately began negotiations for land acquisition.

The city presently has 61 acres of public parks and 110 acres in private parks. The city has established a policy that neighborhood parks are to be provided and improved by the developer, and the Recreational Development Bonds do not contain any funds for neighborhood parks. The bonds are designed to finance community parks only, and it is city policy to locate such parks adjacent

to schools and other community facilities so as to maximize the use of all public lands in the city.

The policy of the city with regard to the bicycle trails system is to provide accesses from residential areas to the parks, to commercial centers, schools, and industrial areas. The bicycle program is more than just a recreational program, and it is planned to provide an alternative form of transportation both within and without the city. In addition to a bicycle network tying schools, commercial areas, and industrial areas together.

the trails will connect to a regional bicycle trail system developed in cooperation with Orange County and the surrounding cities. Freeway overpasses will be provided, and it will be possible for Irvine residents to utilize bicycle transportation to and from various points on the Pacific Ocean without hazard from automobile traffic.

The \$16,000,000 Community Parks Land Acquisition and Development program will be designed to provide a minimum standard in the community parks system of 1.5 acres per 1,000 of population. Whenever possible the parks will be at least 20 acres in size and will be so located to achieve geographic distribution related to existing and anticipated development with good vehicular access and propinguity to public transit.

#### The Series A Bond Project

In January 1975, the city sold \$9,000,000 in Series A Bonds. With bond proceeds, the city acquired four sites and is developing three park projects. Under development is the 19 acre Harvard Community Ball Park, a major athletic complex with softball, baseball, football, soccer and rugby fields, a multi-use recreational building and group picnic facilities.

University Community Park, a 15 acre area adjacent to an existing elementary school and 10,000 square foot library, is under construction. Bond proceeds are developing four lighted tennis courts, a multi-use recreation building, nature study area, "adventure playground", athletic field and handball courts.

Also under development is the first phase of the 45 acre Heritage Park. This facility will be jointly used with the 40 acre high school (also under construction). This major facility will bring to the community an 11,000 square foot youth services building, a three pool aquatics complex, 12 tennis courts, field sports, open play area, major tot lots, lagoon, picnic centers, a regional library, arts and crafts center, a multi-use building and historical center.

The city, in addition to acquiring and developing the aforementioned projects, acquired a 20 acre park site (Bryan Avenue). This site will be developed at a subsequent date.

#### The Series B Bond Project

The city is now prepared to proceed with land acquisition of four additional park sites and development of four sites from Series B Bond proceeds. The 21 acre Turtle Rock Community Park will be acquired and developed, with improvements to include grading, drainage, lighting, landscaping and irrigation. Special features include a major multi-use building, tennis courts, group picnic center, athletic fields, an open space play area and a nature study center.

Also to be acquired and developed will be land for a 600 seat performing arts

theater within the core of the University Town Center. The theater will relate to the University of California at Irvine and commercial activities (restaurants, shops, plazas, etc.).

Other improvements are planned on the Deerfield Community Park, a 13 acre site adjacent to two school facilities (intermediate and elementary). Improvements envisioned include basic site preparation, lighting, landscape, and irrigation. Special features include tennis courts, athletic fields, a multi-use building, group picnic center and major tot lot facilities.

The city will begin its second phase development of the 45 acre Heritage Park. Improvements include the arts and crafts center, a multi-use building and historical center.

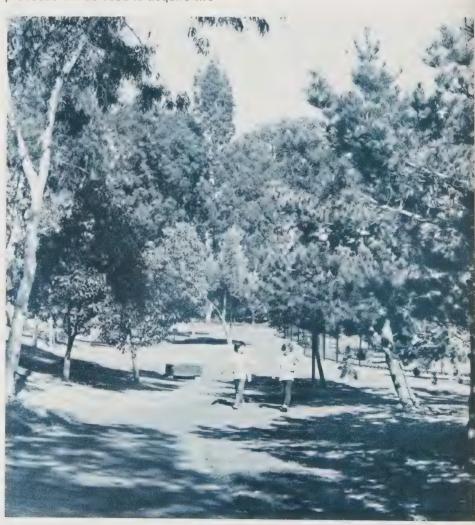
In addition to the foregoing, bond proceeds will be used to acquire two

30 acre parcels within the developing Woodbridge project. The development of the two Woodbridge park sites will occur from proceeds of a subsequent bond sale.

From bond proceeds, \$1,000,000 will be used for bicycle trails. A small amount will be spent for land acquisition, but primarily funds will be used to develop the next phase of trails, overpasses, and landscaping.

# TABLE 3 DISPOSITION OF BOND PROCEEDS

Land acquisition	\$4,670,000
Development costs	3,330,000
Bicycle trails	1,000,000
Total	\$9,000,000



Bicycle and hiking trail in University Park community. This is an example of the type facility to be developed under the bicycle trail bond program.

## CITY ORGANIZATION AND FINANCIAL DATA

#### **City Organization**

The City of Irvine is a charter city which operates under the councilmanager form of government. The city council is composed of five members elected at large for four-year overlapping terms. The mayor is selected by the council from among its members.

The city's administrative staff is organized into five functional areas: community services, planning, public safety, public works, and administrative services. Approximately 115 people are employed by the city.

#### **Financial Data**

The city's assessed valuation is established by the Orange County Assessor except for the assessed valuation of public utility property which is assessed by the State Board of Equalization at 25% of full value. The State Board of Equalization reports that 1975/76 Orange County assessed valuations average 26.5% of full value.

The city's assessed valuation has increased from \$131,787,951 in 1972/73 (the fiscal year following city incorporation) to \$329,348,740 in 1975/76. A breakdown of the 1975/76 city assessed valuation is shown in Table 4.

# TABLE 4 1975/76 CITY ASSESSED VALUATION\*

Secured property	\$266,941,240
Utility property	10,331,620
Unsecured property	52,075,880
Total	\$329,348,740

<sup>\*</sup> Before homeowners' and business inventory exemptions, the taxes on which are paid to the city by the State of California.

The city has levied a tax rate for general purposes of 33¢ per \$100 of assessed valuation since 1972/73. In 1974/75 and 1975/76 the city levied a 29¢ tax (in addition to the 33¢) to meet debt service on the Series A Bonds. The city will levy for the Series B debt service beginning in 1976/77. The city may levy a tax up to \$1 per \$100 of assessed valuation for general purposes, but the rate for general obligation debt service is unlimited.

Table 6 shows city revenues and expenditures based on reports by the city to the State Controller. As can be seen, sales taxes represent the greatest single source of revenue to the city. Table 7 shows a statement of the city's direct and estimated overlapping general obligation bonded debt as of January 13, 1976.

The city's share of authorized and unsold bonds of overlapping jurisdictions is as follows: Metropolitan Water District of Southern California, \$3,036,800; Irvine Ranch Water District, Improvement District No. 2, \$19,109,993; Irvine Ranch Water District, Improvement District No. 3, \$7,424,124; Irvine Unified School District, \$31,003,756; Saddleback Valley Unified School District, \$46,255. State school building aid repayable as of June 30, 1975 was \$10,819,089.

On November 4, 1975 voters of the Irvine Ranch Water District approved \$9,475,000 of bonds for water facilities in Improvement District 103 and \$69,665,000 of bonds for water facilities in Improvement District 206. The areas included in these two improvement districts are basically undeveloped and the bonds will be used to finance facilities to serve development only as it occurs. The district estimates that full development will not occur prior to 1985. These improvement districts partially overlap the City of Irvine, but the assessed valuations within and without the city have not yet been determined.

#### REPRESENTATIVE 1975/76 TOTAL TAX RATE

City of Irvine*	\$ 0.6200
Orange County	1.6300
School districts	7.2670
Irvine Ranch Water District	1.2974
Other special districts	1.3499
Total	\$12.1643

Distribution as follows: 33¢ for general purposes; 29¢ for Recreational Development Bonds, Series A.

TABLE 5
CITY ASSESSED VALUATIONS, TAX RATES, LEVIES,
AND DELINQUENCIES

		1972/73		1973/74		1974/75
Assessed valuation	\$13	31,787,951	\$19	94,823,900	\$2	50,726,490
City tax rate		33¢		33¢		33¢
Secured tax levy	\$	434,616	\$	505,928	\$	1,209,378
Delinquency June 30	\$	1,972	\$	9,468	\$	21,608
Percent delinquent		0.45%		1.87%		1.79%

Source: City Treasurer and Finance Officer.

TABLE 6
SUMMARY OF CITY REVENUES AND EXPENDITURES\*

	1971/72†	1972/73	1973/74	1974/75
REVENUES				
Property taxes	\$ —	\$ 488,907	\$ 564,048	\$ 723,105
Sales taxes	151,144	855,562	1,214,896	1,535,218
Franchise, business and other taxes	10,320	426,564	249,547	329,867
Licenses and permits		100	137,213	59,427
Fines and penalties	17,845	57,894	78,170	124,961
Revenue from use of money and property	2,673	35,569	191,576	164,269
Motor vehicle in lieu taxes	139,267	160,228	235,397	232,946
Gasoline taxes	103,605	194,316	223,779	248,284
Other revenue from other agencies	27,766	180,227	602,640	838,655
Charges for services	7	37,461	70,347	76,108
Miscellaneous		348	32,973	69,495
Total	\$452,627	\$2,437,176	\$3,600,586	\$4,402,335
EXPENDITURES				
General government	\$159,814	\$ 533,309	\$ 774,069	\$1,038,497
Public safety		383,833	766,718	1,337,848
Public works	134	218,001	1,020,163	1,559,655
Parks and recreation	4,075	153,923	412,237	674,986
Miscellaneous		_	72,878	87,420
Total	\$164,023	\$1,289,066	\$3,046,065	\$4,698,406

<sup>\*</sup> From City reports to State Controller.

<sup>†</sup> City incorporated December 28, 1971.

TABLE 7 STATEMENT OF DIRECT AND ESTIMATED OVERLAPPING BONDED DEBT\*

Estimated 1975 population	35,000
1975/76 assessed valuation	\$329,348,740
Estimated market value	\$1,245,000,000†

Entity	Percent Applicable	Date Applicable January 13, 1976
Orange County	4.652%	\$ 194,454‡
Orange County Building Authorities	4.652	1,209,055
Orange County Flood Control District	4.652	1,069,727
Metropolitan Water District	0.832	4,576,508
Orange County Sanitation District No. 7 (Various Issues)	16.442-25.822	1,169,830
Santa Ana Junior College District	17.748	77,381
Saddleback Junior College District	15.086	1,016,796
Irvine Unified School District	89.384	13,032,187
Tustin Unified School District	7.959	518,529
Santa Ana Unified School District	17.748	7,508,646
Saddleback Valley Unified School District	0.550	106,535
Newport-Mesa Unified School District and Laguna Beach Unified	0.001- 0.007	349
San Joaquin School District	28.672-35.046	4,234,985
Tustin Union High School District (Various Issues)	21.230-25.028	2,006,386
Irvine Ranch Water District	74.674	5,936,583
Irvine Ranch Water District, Improvement Districts Nos. 1, 2, 3	51.060-97.617	13,631,857
City of Irvine	100.000	18,000,000§
Total Direct and Overlapping Bonded Debt		\$74,289,808

	Ratio to		
	Assessed Valuation	Estimated Market Value	Per Capita
Assessed valuation	_		\$9,410
Direct debt	5.47%	1.45%	514
Total direct and overlapping bonded debt	22.56	5.97	2,123

<sup>\*</sup> Compiled in cooperation with California Municipal Statistics, Inc.

<sup>†</sup> The State Board of Equalization reports that 1975/76 Orange County assessed valuations average 26.5% of market value. Public utility property is assessed by the State Board of Equalization at 25% of market value.

<sup>‡</sup> Does not include city share (\$68,186) of \$1,465,738 Orange County lease-purchase obligations.

<sup>§</sup> Including \$9,000,000 to be sold January 13, 1976.



#### IRVINE AND ITS ECONOMY

The City of Irvine is located in Orange County, approximately 40 miles from the City of Los Angeles. It is adjacent to the cities of Tustin, Santa Ana and Newport Beach. Irvine has a population of 35,000 and is the largest of six municipal jurisdictions of the Irvine Company property - 79,000 acres of land straddling the center of Orange County which occupy 16% of the county's 782 square miles. The city was incorporated in 1971 in line with a concept of master planning and is being developed as a model city exemplifying the most positive aspects of development.

The Irvine Ranch is 123 square miles of land uniquely and strategically located in Orange County. It is the largest and most diversified privately owned, master planned community currently underway in the United States. Los Angeles is 40 miles to the north; San Diego is 80 miles to the south; and the cities of Riverside and San Bernardino are 40 miles to the east. This location puts the Irvine community at the center of southern California's five major metropolitan areas, where over one-half of the state's people reside. The City of Irvine's strategic location in Orange County places it in the center of the stream of population growth advancing from the metropolitan areas.

Orange County is one of the most rapidly developing metropolitan areas in the United States. Population in the county grew at a very rapid rate beginning about 1960 and while the rapidity of this growth has tapered off during the past few years, the population more than doubled during the decade of the 1960's. The county's temperate climate, available land, geographical attractions, and the scope of its educational and recreational facilities are major factors in its popularity as a place to live and work.

#### **Industry and Employment**

The county's economic base was largely agricultural until the late 1950's when it began to evolve into technical and defense oriented specialization. It has steadily expanded into civilian oriented industries and now ranks second only to Los Angeles County in total manufacturing employment in California. The county's steady growth in population has been a major factor in its transformation from an undeveloped agricultural area to the fastest growing portion of the southern California megalopolis. The freeways and railroad lines which connect the cities of San Diego and Los Angeles cross the Irvine property and the expansion of the southern California population and economy along these transportation routes is reflected in the growth of Irvine.

During initial phases of development the Irvine community's primary identity was provided by the University of California at Irvine. Now, however, the university's role is supplemented by many major regional commercial, industrial, and financial firms. Because a concentrated focus of development did not evolve in northern Orange County, Irvine holds the potential of becoming the dominant urban center in the county. Industrial development in the county is concentrated along the Santa Ana and San Diego Freeways at the northern edge of the Irvine property. The Irvine Industrial Complex is one of the largest and fastest growing industrial complexes in the nation. It is bounded by three major freeways and is served by two railroads. Orange County Airport is located in the center of the complex. Development in the Irvine Industrial Complex is being coordinated with similar uses adjacent to it in Newport Beach, Costa Mesa, Tustin, and Santa Ana. Southeast of Irvine are several other large scale new community projects, including Mission Viejo and Laguna Niguel.

### TABLE 8 MAJOR EMPLOYERS IN CITY OF IRVINE

Name of Company	i de la companya de	proximate Number of Imployees
	Hydraulic units for planes	1,100
Bertea Corp.* Parker Hannifin Aerospace Group	Fluid system components	1,050
Varian Data Machines	Computers	850
Xerox Corp.	Reconditioning center for copiers	541
Allergan Pharmaceutical Inc.*	Pharmaceutical products	500
Microdata*	Mini-computers	435
Bentley Laboratories, Inc.*	Open heart surgery machines	400
Computer Automation*	Mini-computers	380
V. T. N. Corp.*	Architects, planners and civil engineers	360
Airco Cyrogenics	Cyrogenics equipment	335
Kaiser Aerospace & Electronics	Cyrogenics equipment	
Corp.	Precision machine parts and electromechanical assemblies	330
Pertec Business Systems	Magnetic tapes for computers and peripheral systems	330
Control Components	Control valves	300
Convertors	Surgical drapes and gowns	300
Shiley Laboratories*	Surgical equipment	290
American Hospital Supply Division*	Hospital supply products	267
Airporter Inn Hotel	Hotel	250
Datatron Inc.*	Electronic equipment	250
Diceon Electronics, Inc.	Electric printed circuits	250
Alex Robertson Co.*	Commercial contractors	250
Idamatics	Bed spreads and drapes and machines to make them	250
Audio Magnetics Corp.	Magnetic tapes	235
Kawasaki Motors Corp.	Motorcycles and jet skis	220
McGraw Laboratories	Pharmaceuticals	210
Far West Services, Inc.	Executive office, train restaurant personnel	200
Gulliver's	Restaurant	200
Barry L. Miller*	Ordnance components and metal stampings	200
S.P.I.	Electric products equipment	185
Coleman Systems*	Cameras and control machine tools	181
R. B. Furniture Co.*	Furniture	175
International Chemical &		
Nuclear Corp.*	Chemical research	160
Dana Laboratories, Inc.	Electronic test equipment	150
European Parts Exchange*	Automotive parts rebuilder	150
St. John Knits*	Clothing	15
Domino Industries, Inc.*	Furniture	14
Coast Catamaran*	Sailboats	13
Plan Hold Corp.	Drafting tables, storage cabinets and filing equipment	12
T.D.K. California, Inc.	Recording cassettes and tapes	12
Tektronix	Electric products	12
Uni-Loc	Electric instruments to measure water	12
Cramer Electronics	Electronic components for TV and radio	10
Symbolic Displays*	Electronic products	10
K. M. S. Technology Center	Research and development of laser beams and water purification systems	10
Lambert-Kay	Pet pharmaceuticals	10
* Headquarters.		10

<sup>\*</sup> Headquarters.

Construction began in August 1974 on a 1.2 million square-foot complex which will be the divisional head-quarters of Fluor Engineers and Constructors, Inc. The facility is located on a 105-acre site in the Irvine Industrial Park. Occupancy is planned for late 1976 and employment will initially be 5,500 persons, making Fluor the largest single employer in the city. The ultimate employment at the plant will be 8,500.

A list of major employers in the City of Irvine is shown in Table 8.

All of Orange County is considered a single labor market area for employment because of integration by the highly developed freeway network. An employment breakdown in the county for the past ten years is shown in Table 10.

#### **Transportation**

The City of Irvine enjoys convenient access to the excellent freeway network in Orange County and to the county's local highway system. The Santa Ana and San Diego Freeways are the major north-south routes through the county and the Newport, Garden Grove, and Riverside freeways provide east-west transportation.

The Atchison, Topeka and Santa Fe, Union Pacific, and Southern Pacific railroad systems serve the county and Amtrak service is available.

Orange County Airport, in the center of the Irvine Industrial Complex, is located at the intersection of major freeway interchanges. Scheduled airlines which provide regular service include Air California, Hughes Air West and other local feeder airlines. Another commercial-general aviation airport is located at Fullerton. Los Angeles International Airport is 40 miles away.



In late 1976 construction will be completed on the 1.2 million square foot divisional headquarters for Fluor Engineers and Constructors, Inc. The facility will initially employ 5,500 persons in the City of Irvine.







Top: Aeria! view of agricultural groves looking east. Approximately two-thirds of city's 41.6 square miles is now in agriculture.

Left: University Park neighborhood shopping center provides an example of bicycle orientation of Irvine residents.

Above: Recreational facility at Park Site apartment complex. Developers are required to designate 4.5 acres of local park land per 1,000 people.

#### **Utilities**

Gas service is supplied to the City of Irvine by Southern California Gas Service; electricity is supplied by Southern California Edison; water is provided by the Irvine Ranch Water District; and Pacific Telephone provides telephone service.

#### **Taxable Sales and Sales Tax Permits**

Table 9 shows taxable sales and the number of sales tax permits authorized for the City of Irvine for the years 1972, 1973 and 1974, and for Orange County for the past decade. As can be seen from the table, taxable sales in the city rose by about 25 percent from 1973 to 1974 and have more than doubled since 1972. Sales tax revenues to the city for the first half of 1975 were up more than 15% over the comparable 1974 period.

#### **Educational Facilities**

Public elementary and secondary educational services to the residents of the City of Irvine are furnished by

TABLE 9
TAXABLE SALES AND SALES TAX PERMITS

Year	Taxable Retail Sales	Number of Sales Tax Permits
	City of Irvine	
1972	\$ 65,739,000	411
1973	105,925,000	520
1974	132,662,000	674
	Orange County	
1963	\$1,367,460,000	15,459
1964	1,566,955,000	16,944
1965	1,668,286,000	18,443
1966	1,829,456,000	20,117
1967	2,006,977,000	21,282
1968	2,391,968,000	22,928
1969	2,732,289,000	24,926
1970	2,876,776,000	27,415
1971	3,263,344,000	29,336
1972	3,931,107,000	31,349
1973	4,701,633,000	33,308
1974	5,210,519,000	36,485

Source: California State Board of Equalization.

TABLE 10
ORANGE COUNTY LABOR MARKET SURVEY\*

Industry	May, 1964	May, 1969	May, 1974	May, 1975
Manufacturing	91,800	130,000	151,700	148,900
Wholesale and retail trade	57,300	92,300	129,900	141,300
Services	41,200	66,100	101,200	110,600
Government	39,100	63,100	84,000	93,900
Construction	24,000	22,700	32,100	23,000
Finance, insurance and real estate	11,500	18,200	28,800	30,900
Transportation, communications, utilities	9,000	13,200	17,800	17,500
Agriculture	7,100	5,800	10,900	10,800
Total	281,000	411,400	556,400	576,900

<sup>\*</sup> State of California Employment Development Department, Employment Data and Research.

the Irvine Unified School District.
There are several institutions of higher education in Orange County which are accessible to Irvine residents, and the University of California at Irvine offers undergraduate and graduate instruction; post-doctorate programs; teacher education; instruction in professional fields; and execution of basic and applied research. The

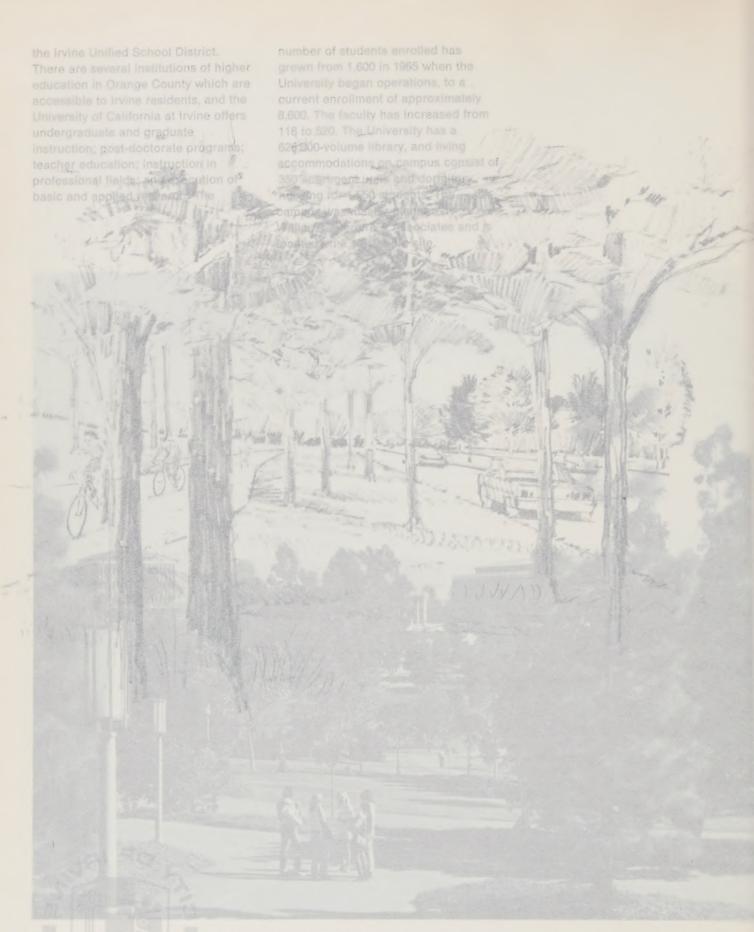
number of students enrolled has grown from 1,600 in 1965 when the University began operations, to a current enrollment of approximately 8,600. The faculty has increased from 118 to 520. The University has a 625,000-volume library, and living accommodations on campus consist of 350 apartment units and dormitory housing for 1,550 students. The campus was master planned by William L. Pereira & Associates and is located on a 1,510-acre site.



University of California Irvine. View of Library with Administration Building on left.







University of Cautomia Irvine, View of Library with Administration Building on left



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